



Atty. Dkt. No. 040356-0354

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JUL 12 2002  
TC 2800 MAIL ROOM

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yuki NAKAJIMA

Title: MAGNETIC POLE POSITION  
DETECTOR FOR ROTOR

Appl. No.: 09/778,759

Filing Date: 02/08/2001

Examiner: J. Gonzalez

Art Unit: 2834

AMENDMENT TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231

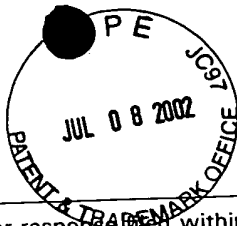
Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a Small Entity statement previously submitted.
- ☐ Small Entity statement is enclosed.
- ☒ The fee required for additional claims is calculated below:

	Claims as Amended	Previously Paid For	Extra Claims Present	Rate	Additional Claims Fee
Total Claims:	12	20	0	x \$18.00	= \$0.00
Independents:	4	3	1	x \$84.00	= \$84.00
First presentation of any Multiple Dependent Claims:				+ \$280.00	= \$0.00
CLAIMS FEE TOTAL:					= \$84.00

- ☐ Applicant hereby petitions for an extension of time under 37 C.F.R. § 1.136(a) for the total number of months checked below:



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<input type="checkbox"/>	Extension for response filed within the first month:	\$110.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the second month:	\$400.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the third month:	\$920.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the fourth month:	\$1,440.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the fifth month:	\$1,960.00	\$0.00
	EXTENSION FEE TOTAL:		\$0.00
	CLAIMS AND EXTENSION FEE TOTAL:		\$84.00
<input type="checkbox"/>	Small Entity Fees Apply (subtract ½ of above):		\$0.00
	TOTAL FEE:		\$84.00

- ☐ Please charge Deposit Account No. 19-0741 in the amount of \$84.00. A duplicate copy of this transmittal is enclosed.
- ☒ A check in the amount of \$84.00 is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date July 08, 2002

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5143  
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By

Martin J. Cosenza  
Attorney for Applicant  
Registration No. 48,892

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Applicant: Yuki NAKAJIMA

Title: MAGNETIC POLE POSITION  
DETECTOR FOR ROTOR

Appl. No.: 09/778,759

Filing Date: February 8, 2001

Examiner: Julio C. Gonzalez

Art Unit: 2834



#10/C (AE)  
Hawkins  
7-18-02  
JUL 12 2002  
TC 2800 MAIL ROOM

**AMENDMENT AND REPLY**

Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed on April 8, 2002, please amend the above-identified application as provided below. In accordance with 37 C.F.R. 1.121(b), a marked up version of the amended claims showing the changes made with brackets and underlines is attached.

**In The Claims:**

✓ Please cancel claims 3, 9, and 11 and replace with new claims 16-18.

Please replace claim 1 with the following new claim:

C1  
SUB  
E2

1. (Amended) A magnet pole position detector for a rotor that has a plurality of magnets disposed on a circular periphery, rotates with a rotation shaft, and forms a part of an electric motor that has a stator provided with a plurality of coils, the detector comprising:

plates of the same number as the magnets, the plates being made of a magnetic material, each of the plates being disposed on the rotor at a position along a circular path nearby a corresponding magnet and magnetized by leakage flux on the corresponding magnet, the leakage flux being magnetic flux which is not created by the coils of the stator;

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